LABDEX

Top Press Vacuum Freeze Dryer LX2601TFD

Email: info@labdex.com **website:** www.labdex.com

Description

Top Press Vacuum Freeze Dryer LX2601TFD is designed with a condensing capacity of 3 kg to 4 kg / 24 h and a temperature of -80°C. It provides feasibility of vial lyophilization. Build with three trays with a bulk capacity of 0.8 L allowing any shape or size of sample to be freeze dried. Precise vacuum control enables faster freeze drying and reproducible results. Designed with transparent drying chamber helps in visualization of drying process. Big opening condenser with external coiling tubes facilitates pre-freezing function. It has Color LCD touch screen displays running time, display sample temperature, condenser temperature, vacuum degree, and save data automatically.

Specifications

Condenser temperature	-80°C
Condenser capacity	3 to 4 kg / 24 h
Freeze drying area	0.08 Sq.m
Bulk capacity	0.8 L, 10 mm thickness
Vial capacity	Φ 12 mm: 492 pieces Φ 16 mm: 279 pieces Φ 22 mm: 147 pieces
Condenser size	Φ 220 mm, 240 mm deep
Drying chamber size	Φ 260 x 490 mm
Cooling	Air cooling
Ambient temperature	≤25°C
Defrosting	Off cycle defrosting
Trays	3 layers

Tray dimension	Φ 180 mm
Tray spacing	70 mm
Vacuum pump flow rate	7.2m3 / h; 2L/S
Vacuum	< 10 PA
Shelf	Electric heating function
Shelf temperature	RT to +80°C
Power	1800 W
Voltage	220V/50 Hz; 110V/60Hz; 120V/ 60Hz
Dimensions	770 x 550 x (720 + 490) mm
Weight	170 kgs

Features

- Condenser temperature -80°C
- Color LCD touch screen display, display of sample temperature, vacuum curve degree, cold trap temperature curve
- Acrylic drying Chamber is safe and easy to view sample status
- High pumping speed vacuum pump
- Pre-freezing function
- Anti-corrosive stainless steel air inlet valve
- USB port to output freeze drying data

Applications

- It is use for preserving a wide variety of heat-sensitive materials such as

proteins, microbes, pharmaceuticals, tissues & plasma.

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com